

PTO/SB/08A(10-01)  
Approved for use through 10/31/2002. OMB 651-0031  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.  
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Complete if Known	
		<b>Application Number</b>	10/529,360
		<b>Filing Date</b>	March 25, 2005
		<b>First Named Inventor</b>	Haitsma, Jaap
		<b>Group Art Unit</b>	2132
		<b>Examiner Name</b>	Unknown
Sheet 1 of 5		Attorney Docket No: 2167.006US1	

US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
/D.S./	US-20010004338A1	06/21/2001	Yankowski, Carl J.	10/30/1997
	US-20020023020A1	02/21/2002	Kenyon, Stephen , et al.	07/13/2001
	US-20020033844A1	03/21/2002	Levy, K. L., et al.	09/11/2001
	US-20020178410A1	11/28/2002	Haitsma, Jaap A., et al.	02/11/2002
	US-20030023852A1	01/30/2003	Wold, E. H.	07/09/2002
	US-20030028796A1	02/06/2003	Roberts, Dale , et al.	07/31/2002
	US-20030033321A1	02/13/2003	Schrempp, James B., et al.	10/23/2001
	US-20030086341A1	05/08/2003	Wells, Maxwell , et al.	07/22/2002
	US-20040028281A1	02/12/2004	Cheng, S. , et al.	08/06/2002
	US-20040172411A1	09/02/2004	Herre, J. , et al.	01/08/2004
	US-20060075237A1	04/06/2006	Seo, J. S., et al.	10/31/2003
	US-20060206563A1	09/14/2006	Van De Sluis, B. M.	05/12/2006
	US-20070106405A1	05/10/2007	Cook, R. E., et al.	08/21/2006
	US-4,677,466	06/30/1987	Lert, Jr., John G., et al.	07/29/1985
	US-5,019,899	05/28/1991	Boles, Glenn M., et al.	11/01/1998
	US-5,113,383	05/12/1992	Amemiya, Naomi , et al.	02/13/1990
	US-5,276,629	01/04/1994	Reynolds, Kentyn	08/14/1992
	US-5,400,261	03/21/1995	Reynolds, Kentyn	09/07/1993
	US-5,499,294	03/12/1996	Friedman, Gary L.	05/24/1995
	US-5,616,876	04/01/1997	Cluts, Jonathan C.	04/19/1995
	US-5,703,795	12/30/1997	Mankovitz, Roy	06/07/1995
	US-5,767,893	06/16/1998	Chen, Ming-Syan , et al.	10/11/1995
	US-5,822,436	10/13/1998	Rhoads, Geoffrey B.	04/25/1996
	US-5,893,910	04/13/1999	Martineau, Pierre G., et al.	01/04/1996
	US-5,925,843	07/20/1999	Miller, Alan A., et al.	02/12/1997
	US-5,960,081	09/28/1999	Vynne, T. , et al.	06/05/1997
	US-5,987,525	11/16/1999	Roberts, Dale T., et al.	04/15/1997
	US-6,034,925	03/07/2000	Wehmeyer,	12/02/1996
	US-6,061,680	05/09/2000	Scherf, Steven D., et al.	07/16/1999
	US-6,076,111	06/13/2000	Chiu, C. , et al.	10/24/1997
	US-6,195,693	02/27/2001	Berry, Richard E., et al.	11/18/1997
	US-6,201,176	03/13/2001	Yourlo, Zhenya	04/21/1999
	US-6,240,459	05/29/2001	Roberts, D. T., et al.	07/16/1999
	US-6,247,022	06/12/2001	Yankowski, Carl	07/31/2000
	US-6,272,078	08/07/2001	Yankowski, Carl	10/30/1997
	US-6,345,256	02/05/2002	Milsted, Kenneth , et al.	12/01/1998
	US-6,388,957	05/14/2002	Yankowski, Carl	11/13/1997
	US-6,388,958	05/14/2002	Yankowski, Carl	06/23/2000
	US-6,505,160	01/07/2003	Levy, Kenneth , et al.	05/02/2000
	US-6,748,533	06/08/2004	Wu, Jlankang , et al.	01/30/1999

EXAMINER

/Darren Schwartz/

DATE CONSIDERED

04/21/2008

Substitute Disclosure Statement Form (PTO-1449)  
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.S./

PTO/US/08A(10-01)  
Approved for use through 10/31/2002. OMB 851-0031  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.  
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Complete if Known	
		<b>Application Number</b>	10/529,360
		<b>Filing Date</b>	March 25, 2005
		<b>First Named Inventor</b>	Haitsma, Jaap
		<b>Group Art Unit</b>	2132
		<b>Examiner Name</b>	Unknown
Sheet 2 of 5		Attorney Docket No: 2167.006US1	

US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
/D.S./	US-6,829,368	12/07/2004	Meyer, Joel R., et al.	01/24/2001
	US-6,941,275	09/06/2005	Swierczek, R.	10/05/2000
	US-6,983,289	01/03/2006	Commons, Christopher , et al.	12/05/2001
	US-6,990,453	01/24/2006	Wang, A. L., et al.	04/20/2001
	US-7,082,394	07/25/2006	Burges, C. , et al.	06/25/2002
	US-US20020059208A1	05/16/2002	Abe, Mototsugu , et al.	07/26/2001
↓	US-US20020116195A1	08/22/2002	Pitman, Michael C., et al.	02/21/2002

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
/D.S./	DE-4309957	07/14/1994	Schulze, K.	
	EP-0283570A3	09/28/1988	Kiewit, David , et al.	
	EP-0319567B1	02/10/1993	Kenyon, Stephen C., et al.	
	EP-0367585A2	05/09/1990	Boles, Glenn M., et al.	
	EP-0936531A2	08/18/1999	Shinoda, Takashi , et al.	
	GB-2338869A1	12/29/1999	Tsuria, Yossef , et al.	
	JP-2001283568A2	10/12/2001	FUJITA, YOSHIHIRO	
	WO-0128222	04/19/2001	Lau, Jack , et al.	
	WO-0211123A3	02/07/2002	Wang, Avery L., et al.	
	WO-03012695A2	02/13/2003	Roberts, Dale T., et al.	
	WO-2004077430	02/18/2004	Haitsma, J. A., et al.	
	WO-2006044622	04/27/2006	Ryan, John O., et al.	
↓	WO-9935771	07/15/1999	Ritter, R	
	WO-09825269	06/11/1998	Wehmeyer, Keith R.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
/D.S./		The MusicBrainz Mailing List Archive for Nov. 2000, 30 pgs		
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Final Office Action mailed 5-19-2005", 10 pgs		
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Final Office Action mailed 7-3-2007", 15 pgs		
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Final Office Action mailed 7-5-2006", 14 pgs		
↓		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Non Final Office Action mailed 1-3-2006", 9 pgs		

EXAMINER /Darren Schwartz/ DATE CONSIDERED 04/21/2008

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.S./

PTO/SB/08A(10-01)  
 Approved for use through 10/31/2002. OMB 651-0031  
 US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Complete if Known	
		<b>Application Number</b>	10/529,360
		<b>Filing Date</b>	March 25, 2005
		<b>First Named Inventor</b>	Haitsma, Jaap
		<b>Group Art Unit</b>	2132
		<b>Examiner Name</b>	Unknown
Sheet 3 of 5		Attorney Docket No: 2167.006US1	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/D.S./		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Non Final Office Action mailed 10-27-2004", 7 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Non Final Office Action mailed 11-30-2006", 15 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Response filed 1-27-2005 to Non Final Office Action mailed 11-27-2004", 8 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Response filed 3-28-2006 to non-final office action mailed 1-3-2006", 9 pgs	
		"Application Serial No. 09/933,845 (Atty Ref 2167.003US1) Response filed 3-30-2007 to Non Final Office Action mailed 11-30-2006", 8 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Advisory Action mailed 07-28-2006", 3 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Final Office Action mailed 04-06-2006", 21 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Non Final Office Action mailed 09-19-2005", 13 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Notice of Allowance mailed 02-28-2007", 6 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Notice of Allowance mailed 08-09-2007", NOAR,10 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Notice of Allowance mailed 09-06-2006", 5 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Response filed 03-17-2006 to Non Final Office Action mailed 09-19-2005", 12 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Response filed 07-06-2006 to Final Office Action mailed 04-06-2006", 8 pgs	
		"Application Serial No. 10/073,772 (Atty. Ref. 2167.004US1) Response filed 08-07-2006 to Advisory Action mailed 07-28-2006", 3 pgs	
		"Application Serial No. 10/533,211 (Atty Ref 2167.007US1) Non Final Office Action mailed 11-14-2006", 9 pgs	
		"Application Serial No. 10/533,211 (Atty Ref 2167.007US1) Non Final Office Action mailed 6-12-2007", 8 pgs	
		"Application Serial No. 10/533,211 (Atty Ref 2167.007US1) Response filed 3-14-2007 to non-final office action mailed 11-14-2006", 8 pgs	
		"Application Serial No. 10/548,702 (Atty Ref 2167.010US1) Response filed 08/29/2007 to Non-Final Office Action mailed 06/21/2007", 64	
		"Application Serial No. 10/548,702 (Atty Ref 2167.010US1) Non-Final Office Action mailed 6/21/07", 18 pgs	
↓		"Application Serial No. 10/533,211 (Atty Ref 2167.007US1), Response filed 10/01/2007 to Non-Final Office Action mailed 06/12/2007", 12 pgs.	

EXAMINER	/Darren Schwartz/	DATE CONSIDERED	04/21/2008
----------	-------------------	-----------------	------------

Substitute Disclosure Statement Form (PTO-1449)  
 \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.S./

PTO/SB/08A(10-01)  
Approved for use through 10/31/2002. OMB 651-0031  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.  
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(Use as many sheets as necessary)</small>		<small>Complete if Known</small>	
		<b>Application Number</b>	10/529,360
		<b>Filing Date</b>	March 25, 2005
		<b>First Named Inventor</b>	Haitsma, Jaap
		<b>Group Art Unit</b>	2132
		<b>Examiner Name</b>	Unknown
Sheet 4 of 5		Attorney Docket No: 2167.006US1	

<b>OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/D.S./		"European Application Serial Number 01 976124 Office Action dated March 16, 2007", (March 16, 2007), 5 pgs	
		"European Patent Application No. 03737399.0 Office Action", (3/26/2007),	
		"Generic coding of moving pictures and associated audio information, part 2", ISO/IEC, (1995),	
		"International Application No. PCT/EP01/09623 International Search Report mailed", (07/02/2002), 4 pages	
		BRODER, A. Z., et al., "Syntactic clustering of the Web", <u>Computer Networks and ISDN Systems</u> , 29(8-13), (Sep., 1997), 1157-1166	
		CHEN, QIN-SHENG, et al., "Symmetric Phase-Only Matched Filtering of Fourier-Mellin Transforms for Image Registration and Recognition", <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 16 No. 12, New York, (December 1994), 1156-1168	
		CHEUNG, D., et al., "A content-based search engine on medical images for telemedicine", <u>Proceedings of the 21st International Computer Software and Applications Conference</u> , (Aug. 13, 1997), 569-572	
		FLETCHER, PETER A., et al., "Direct Embedding and Detection of RST Invariant Watermarks", F.A.P. Petitcolas (Ed.): IH 2002, LNCS 2578 Springer-Verlag Berlin Heidelberg, (2003), 129-144	
		HAITSMA, J., et al., "A Highly Robust Audio Fingerprinting System", <u>ISMIR 2002 - 3rd International Conference on Music Information Retrieval</u> , <a href="http://ismir2002.ismir.net/proceedings/02-fp04-2.pdf">http://ismir2002.ismir.net/proceedings/02-fp04-2.pdf</a> , (Oct. 17, 2002), 1-9	
		HAITSMA, JAAP, "Robust Audio Hashing for Content Identification", <u>Philips Research</u> , 8 pages	
		HAITSMA, J. A., et al., "Robust Hashing of Multimedia Content", (12/14/00), 10 pgs	
		KURTH, FRANK, et al., "Full-Text Indexing of Very Large Audio Data Bases", <u>Audio Engineering Society Convention Paper</u> , 110th Convention, Amsterdam, (May 2001), 1-11	
		LIENHART, R., "Automatic text recognition for video indexing", <u>Proceedings of the Fourth ACM International Conference on Multimedia</u> , (1997), 11-20	
		LIN, CHING-YUNG, et al., "Rotation, Scale, and Translation Resilient Watermarking for Images", <u>IEEE Transactions on Image Processing</u> , Vol. 10, No. 5, (May 2001), 767-782	
		MARTIN, KEITH D., et al., "Music Content Analysis through Models of Audition", (1998), 8 pgs	
↓		MCNAB, RODGER J., et al., "Towards the digital music library: tune retrieval from acoustic input", <u>Proceedings of the First ACM International Conference on Digital Libraries</u> , (1996), 11-18	

EXAMINER

/Darren Schwartz/

DATE CONSIDERED

04/21/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.S./

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Complete if Known	
		<b>Application Number</b>	10/529,360
		<b>Filing Date</b>	March 25, 2005
		<b>First Named Inventor</b>	Haitsma, Jaap
		<b>Group Art Unit</b>	2132
		<b>Examiner Name</b>	Unknown
Sheet 5 of 5		Attorney Docket No: 2167.006US1	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/D.S./		NEUSCHMIED, HELMUT , et al., "Content-based Identification of Audio Titles on the Internet", <u>Proceedings of the First International Conference on WEB Delivering of Music</u> , (2001),5 pages	
		OOSTVEEN, J. , et al., "Feature Extraction and a Database Strategy for Video Fingerprinting", <u>Lecture Notes in Computer Science</u> , 2314, (3/11/2002),117-128	
		OOSTVEEN, JOB , "Visual Hashing of Digital Video: Applications and Techniques", 11 pages	
		PEREIRA, SHELBY , "Template Based Recovery of Fourier-Based Watermarks Using Log-Polar and Log-log Maps", <u>IEEE Int. Conf on Multimedia Computing and Systems</u> , Florence, Italy, (June 1999),1-5	
		RAJASEKARAN, P. , et al., "Microcomputer Implementable Low Cost Speaker-Independent Word Recognition", <u>IEEE International Conference on ICASSP '83. Acoustics, Speech, and Signal Processing</u> , Abstract; page 754, right-hand column, Appendix A, A.1, A.2; figure 1,(April 14-16, 1983),753-756	
		RHOADS, GEOFFREY B. , et al., "Managing on-line media library through links in media signals", <u>Provisional application serial number 60/178,028</u> ,	
		SCHNEIDER, MARC , et al., "A Robust Content Based Digital Signature for Image Authentication", <u>International Conference on Image Processing, 1996. Proceedings.</u> , Volume 3, (1996),227-230	
		SCHNEIER, BRUCE , "Chapter 16, Pseudo random sequence generators", <u>In Applied Cryptography</u> , John Wiley & Sons, New York, US, (1996),372-379	
		SUBRAMANYA, S R. , et al., "Transform-Based Indexing of Audio Data for Multimedia Databases", <u>1997 IEEE</u> , (1997),211-218	
		WELLS, MAXWELL J. , et al., "Music Search Methods Based on Human Perception", <u>Application Serial No. 09/556086 filed April 21, 2000</u> ,	
		WELSH, MATT , et al., "Querying Large Collections of Music for Similarity", <u>Technical Report UCB/CSD00 -1096</u> , U.C. Berkeley Computer Science Division, Research sponsored by Advanced Research Projects Agency under grant DABT63-98-C-0038, and equipment grant from Intel Corp. ,(Nov., 1999),13 pages	
		WOLD, E. , "Content-based classification, search,.. and retrieval of audio", <u>IEEE MultiMedia</u> , 3(3), (Fall 1996),27-36	
		YANG, CHENG , "MACS: Music Audio Characteristic Sequence Indexing for Similarity Retrieval", <u>Supported by Leonard J. Shustek Fellowship, Stanford Graduate Fellowship program, and NSF Grant IIS-9811904 New Paltz, New York</u> , (October 2001),123-126	

EXAMINER

/Darren Schwartz/

DATE CONSIDERED

04/21/2008